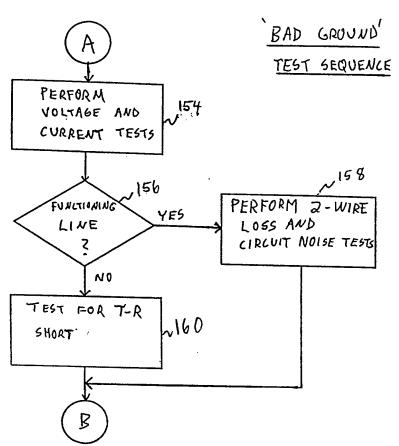
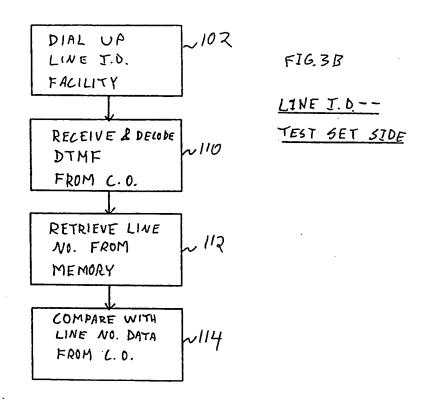
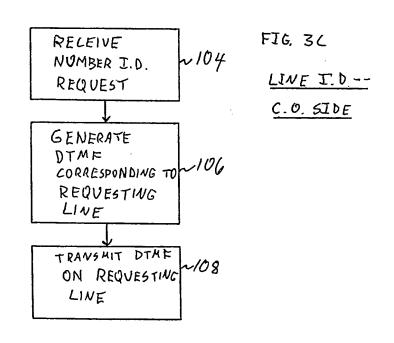
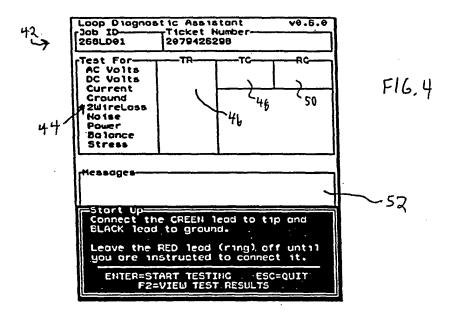


Fig. 3A









Test For- AC Volts DC Volts Current Ground 2WireLoss Noise Power Balance Stress	78 9.3v -49.3v •25.1mA 79dB 6.1dB 19dB 59dB 51dB 25dB	Test Line: 737-9963	8.6v -50.3v	FIC
Hessages Stress test Het accepta	complete		ernc.	
No imbalanc Ring.	e exists :	between Tip	• •	5
Choose who			xt.	
	ETEST LIN	E ESC=QI	UIT	

Loop Diagnos Job ID TEST#000003	Telephon 9147394	1e Number-	V1.2.0
Test For- AC Volts DC Volts Current Ground ZwireLoss Noise Power Balance Stress	TR-0.3v -48.1v +29.1mA 70dB 5.1dB 20dB 41dB	-0.3v	RG 0.6v -51.7v d: ber:

F16. 5A

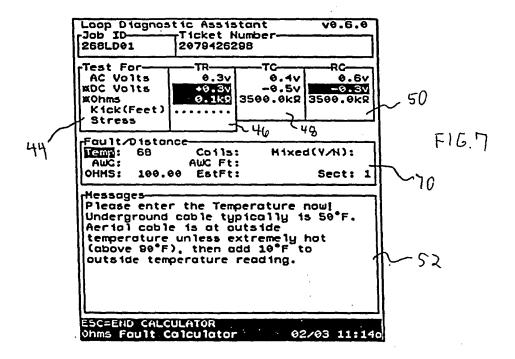
Messages
The Circuit ID from the switch,
matches the subscriber's phone number
on the trouble/service order ticket.

CID:7394606 TN:9147394606

ESC=STOP TESTING

. 08/22 01:36p

Trouble found: Found unacceptable stress reading. Accepted range is <30 dBmc F16.6 one-sided fault (unbalance) exists. Test script complete Choose what your want to do next ENTER=RETEST LINE ESC=QUIT F2=VIEW RESULTS



Temp: 68 Coils: N Mixed(Y/N): N AWG: 26 AWG Ft:

OHMS: 100.00 EstFt: 1176

Sect:

F16. 7A

TIME JOB-TICKET

10:40#M 258LD01

1 126AM 268LD01

'Ohms' test(s)

TR = 0.1kR

TC = 3500.0kR

. RC = 3500.0kR

TROUBLE FOUND:
Short circuit (Tip/Ring) appears to be the problem.
Acceptable values are:
TR. TG 1 RC: > 2800 kR.

Distance to fault calculations will be done next!

Fault/Calculator:

Section = 1

Ohms = 100.00

Temperature = 68

LoadCoilsX = 0

AUCHIECE = 178.00

ENIMARCH = N

WireCaugeX = 26

OhmsFeet = 178.00

ENIMARCH = 1000001=SELECT
SCROLL:PANUP/PANDN=PAGE U/D=LINE 02/03 11:320

F16.8

Time Job Ticket
11:00A N2DB2345

"Ground" test(s)
>TR = 72dB
Ground Test Complete
Found Good Ground.
Met Acceptable range: TR >70dBmc.

"AC Voltage" test(s)
> TR = 0.0v
> TG = 0.0v
> RG = 0.0v
Found AC voltage acceptable.
Acceptable values are:
ESC=QUIT UP/DOWN=Select
SCROLL:PANUP/PANDN=PAGE

F16.9

Time Job Ticket

11:00A N2DB2345

10:40A N2DB2345

TR, TG = RG less than 5vAC

'DC Voltage' test

TR = -.6

TG = 0.0

RG = 0.0

Found Little or no DC voltage

ESC=QUIT UP/DOWN=Select SCROLL:PANUP/PANDN=PAGE

F16.10

TIME JOB_TICKET-

10:26AM 268LD01

Current Loop test(s)
>TR=+28.22 ma
Loop current test completed
Met acceptable range TR=23-65

'2w loss' test(s)
>'Test Line" 1-800-555-1212
>TR = -65.8dB
Unable to get valid circuit loss reading
Acceptable range is TR< 8.5 dB
Make sure the test line \$\mathcal{E}\$ is one
which generates a 1004 Hz tone.

ESC=QUIT UP/DOWN=SELECT SCROLL:PANUP/PANDN=PACE U/D=LINE 02/03 11:320 F16.11